

## INTERNATIONAL SEARCH REPORT

Internal Application No

PC, IB 03/05587

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L1/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

INSPEC, EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GOZALI R ET AL: "On the performance of scheduling over space-time architectures" 2002 IEEE 56TH VEHICULAR TECHNOLOGY CONFERENCE PROCEEDINGS (CAT. NO.02CH37359), 2002 IEEE 56TH VEHICULAR TECHNOLOGY CONFERENCE PROCEEDINGS, VANCOUVER, BC, CANADA, 24-28 SEPT. 2002, pages 415-419 vol.1, XP002285917 2002, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-7467-3 Section I-III abstract</p> <p style="text-align: center;">--- -/--</p>	1-30



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

24 June 2004

Date of mailing of the international search report

28. 07. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

ÅSA RYDENIUS/JAA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GOZALI R ET AL: "The impact of multiuser diversity on space-time block coding" IEEE COMMUNICATIONS LETTERS, MAY 2003, IEEE, USA, vol. 7, no. 5, pages 213-215, XP002285918 ISSN: 1089-7798 cited in the application Section I-II abstract ---	1-30
A	US 2002/177447 A1 (HOWARD STEVEN J ET AL) 28 November 2002 (2002-11-28) paragraph [0039] paragraph [0139] - paragraph [0152] abstract ---	1-30
A	WO 03 041300 A (QUALCOMM INC) 15 May 2003 (2003-05-15) paragraph [1113] - paragraph [1114] paragraph [1210] - paragraph [1223] abstract ---	1-30
A	WO 03 081938 A (NORTEL NETWORKS LTD) 2 October 2003 (2003-10-02) paragraph [0007] - paragraph [0009] abstract -----	1-30

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002177447 A1	28-11-2002	CA 2446930 A1 EP 1393466 A1 WO 02093782 A1	21-11-2002 03-03-2004 21-11-2002
WO 03041300 A	15-05-2003	US 2003125040 A1 WO 03041300 A1	03-07-2003 15-05-2003
WO 03081938 A	02-10-2003	WO 03081938 A1	02-10-2003